

 Spacebackend

**Reducing payload and  
subsystem integration  
time from years to days**



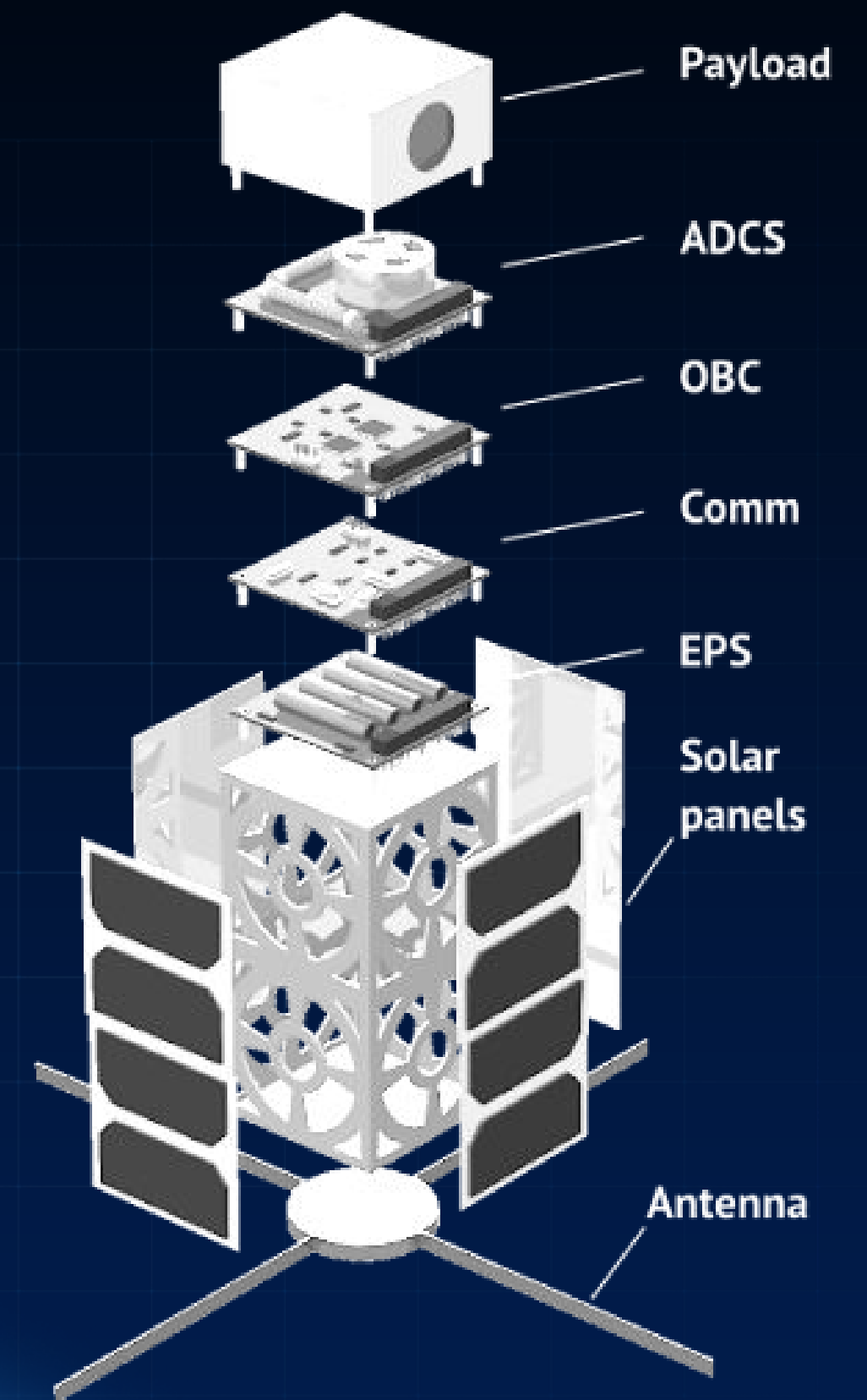


The lack of standardization in software interfaces **complicates integration** across different payloads and sub-systems.

Developing & Testing  
**Complex Data  
Interfaces**

Process  
**6 months  
2+ Engineers**

Impact  
**\$500K+  
2.5 years**



# The Problem:

## The **critical demand** to address satellite integration **delays and cost**

**37,000** → **~0.5M**  
Satellites to be launched by 2033  
Hosted Payloads and subsystems

- Earth Observation
- Communications
- Intelligence & Surveillance
- In-Orbit Servicing
- Space Situational Awareness
- In-Orbit Manufacturing
- Microgravity Experiments



Rising demand **needs faster integration.**



**Current solutions shift the challenges** to payload owners

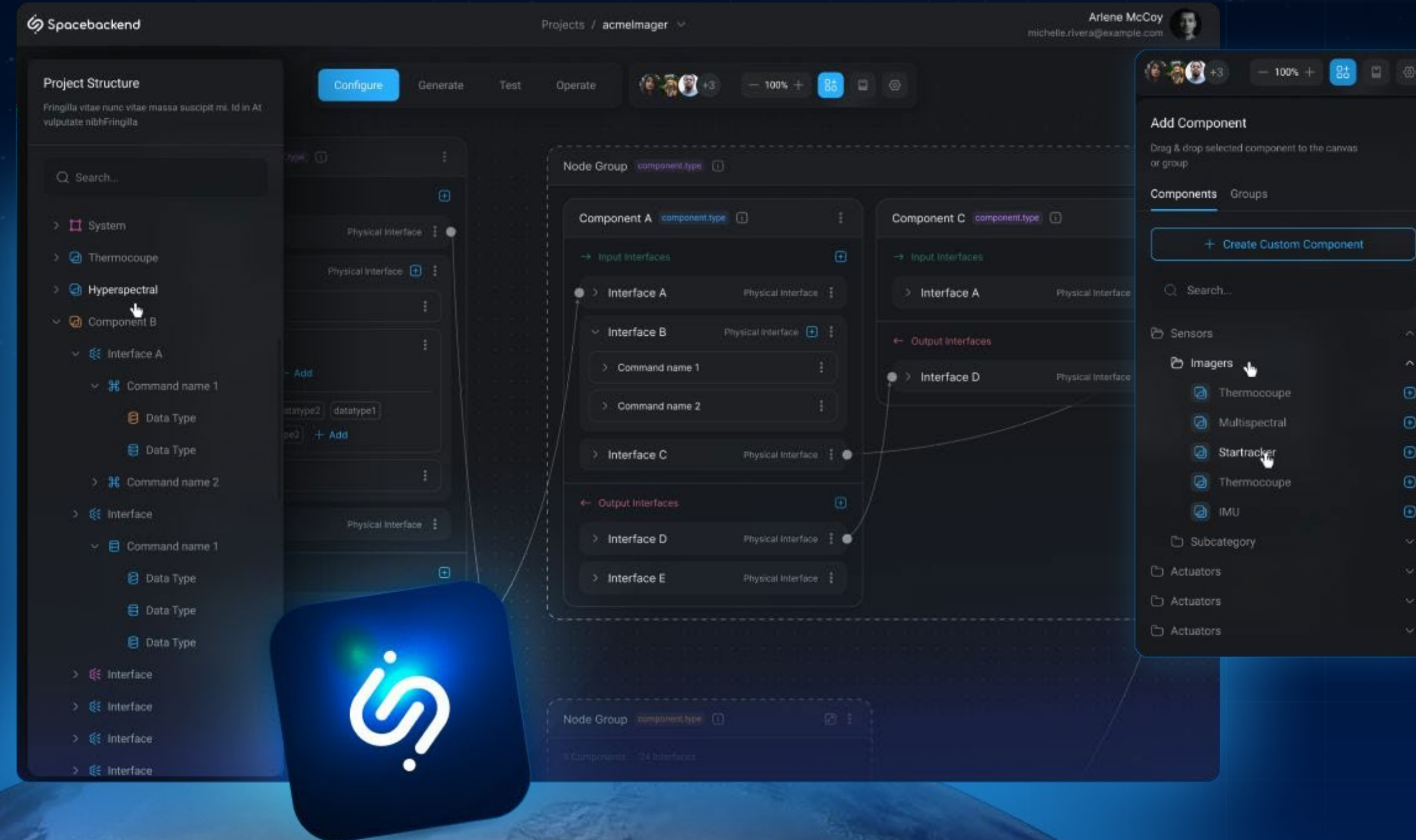


# The Spacebackend Solution:

**AI-driven platform** enabling **modular connectivity** between diverse interfaces, streamlining system integration, testing, and remote operations in space and even on the Moon.

Our unique concept of operations:

- ✓ **AI-Driven configuration**  
by translating technical documentation into abstraction model
- ✓ **Auto-code generation**  
to produce a payload driver
- ✓ **Automatic testing**  
to validate the generated driver
- ✓ **Remote operations**  
across LEO, Moon and beyond once the payload is in space





We bring a **significant impact** on both spacecraft integrators and payload owners.

**-75%**

Payload integration cost

**compatibility**

Increased compatibility  
between systems

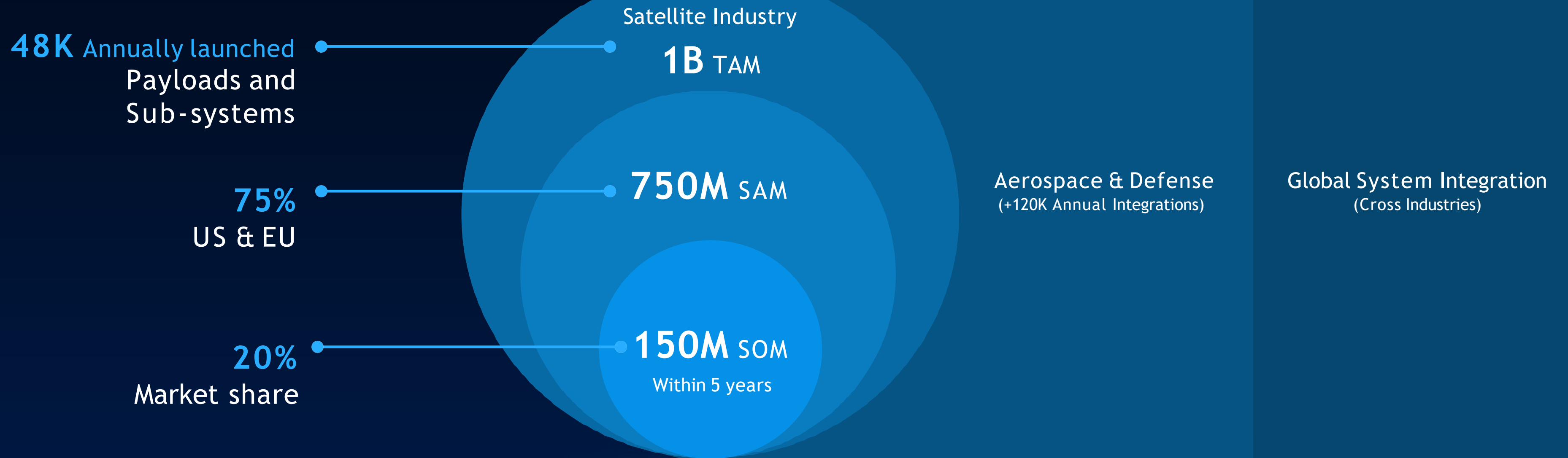
**user-centric**

And accessible  
payload operations

New data interface in  
days instead of years!



# Market Size





## Business

### License

for each payload or  
subsystem integration



### Subscription

Monthly subscription license  
for payload operations



## Our target by 2030

**10K**

Annually integrated  
payloads

**€150M** ARR

# Go-To-Market Strategy

## Phase A

Strategic Partnerships  
and Product-Market-Fit

### Customers

Project Oriented SMEs outsourcing  
integration processes for IOD or  
private hosted payload missions

## Phase B

SaaS for Independent  
Payload Integration

### Customers

Commercial service providers,  
Payload owners or subcontractors  
responsible for direct integration

## Phase C

Expanding to support  
Satellite subsystems  
globally

### Customers

Including both Integrators or  
Manufacturers of COTS, Components,  
and Subsystem manufacturers



# Traction

## Demonstration

Secured lab demo with space-hardware during 2025.

Secured IOD by 2026.

## In discussion

with 7 leading satellite manufacturers to evaluate our product during current and upcoming missions.

**€ 200K**

From ESA via ESRIC

**\$ 285K**

From US based micro-VCs

## 5 LoIs and MoUs

with EU and US based companies



## Roadmap

- Q1 2025 - First pilot with potential customer
- 2025 - First commercial contracts
- Q3 2025 - lab demo using space hardware
- Q1 2026 - In-orbit demo
- 2026 - First big-prime contract
- 2027 Breakeven



## The Ask

€ 1M

For market entry during 2025 with  
an effective product-market-fit.



Our team brings together over **50 years of experience in the space and software industries** by leading engineering in companies like IAI, Spacell, The Exploration Company, iSpace and Google



**Dmitry Goldenberg**

Founder & CEO

Serial technology entrepreneur, inventor with 15 years of experience. Space enthusiast.



**Yoav Landsman**

Co-founder, COO, Managing director  
Ex-Spacell. More than 20 years of experience in space engineering and operations  
Karman Fellow



**Daniel Bolan**

Co-founder & CTO

Senior software engineer, ex-Google, ex-iSpace. 15 years of experience.



**Dan Or-Hoff**

Space Strategy & Legal counsel  
at Spacell for more than 10 years.





# Thank you

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